



Bay-Delta Environmental Report Card, September 2001

Appendix A

Wetlands and Riparian Habitat Acquired and Restored in the S.F. Bay Delta Estuary*

Between April 1999 and September 2001

Major Wetland and Riparian Acquisitions

33,042 acres

(of current wetland areas or areas to be restored; note some overlap with restoration projects list)

North Bay

- Atherton Avenue, Marin County, 80 acres (grassland & associated wetlands), Marin Audubon Society
- Bel Marin Keys, Marin County, 1,613 acres (planned for restoration), California Coastal Conservancy
- Ghisletta Property, Napa County, 82 acres (planned for restoration to tidal marsh), The Land Trust of Napa County
- Kirker Creek, Contra Costa County, 4 acres (wetlands), City of Pittsburg
- South Napa River, Napa County, 463 acres acquired plus 50-acre donation (planned for tidal marsh restoration), City of American Canyon
- Triangle Marsh, Marin County, 33 acres (wetlands), California Coastal Conservancy & Marin Audubon Society

Delta/Suisun

- Cowell Property, San Joaquin County, 329 acres (planned for conversion to organic rice pasture), Cosumnes River Preserve
- Liberty Island, Solano & Yolo Counties, 4,750 acres, Trust for Public Land
- Lower Joice Island, Solano County, 1,300 acres (300 acres tidal wetlands; 1,000 acres managed wetlands & associated uplands), Suisun RCD
- McCormack-Williamson Tract, Sacramento County, 1,600 acres (planned

- for future restoration), The Nature Conservancy
- Silverado, Sacramento County, 122 acres (planned for restoration to floodplain habitat), Bureau of Land Management
- Staten Island, San Joaquin County, 9,200 acres (seasonally flooded farmland), The Nature Conservancy
- Stone Lakes National Wildlife Refuge, Sacramento County, 658 acres, U.S. Fish & Wildlife
- Yolo Basin Wildlife Area, Expansions 3 & 4, Yolo County, 12,808 acres, Wildlife Conservation Board & Cal Fish & Game

Completed Restoration and Enhancement Projects

11,453 acres, 1,320 linear feet and 3,500 square feet

(Which, if any, of these projects include a mitigation component is not known.)

North Bay

- Baxter Creek, Contra Costa County, 6 acres (creek/riparian restoration), UCC & City of Richmond
- Buchli Station Pond, Napa County, 4 acres (permanent wetlands restoration), Ducks Unlimited & Cal Fish & Game
- Codornices & Cerritos Creeks, Alameda County, 11 acres (creek/riparian restoration), Friends of 5 Creeks
- Corte Madera Creek, Marin County, 1 acre (creek/riparian restoration), Friends of Corte Madera Creek Watershed
- Crissy Field, San Francisco County, 20 acres (wetlands restoration), National Park Service
- Elkhorn Creek, Contra Costa County, 2 acres (creek/riparian restoration), Carquinez Regional Environmental Education Center
- Huichica Pond, Napa County, 4 acres (seasonal wetlands restoration), Ducks Unlimited & Cal Fish & Game
- Novato, Miller & Manor Creeks, Marin County, <1 acre (creek/riparian restoration), Marin County Stormwater Pollution Prevention Program
- Oro Loma Marsh (NE), Alameda County, 18 acres (wetlands restoration), Port of Oakland
- Pier 98, San Francisco County, 14 acres (wetlands enhancement), Port of San Francisco
- Pond 1, Solano County, 882 acres (tidal wetlands enhancement), Ducks Unlimited & Cal Fish & Game
- Plummer Creek, Alameda County, 11.4 acres (seasonal wetlands), Wildlands
- San Ramon Creek, Contra Costa County, 1 acre (creek/riparian restoration), Urban Creeks Council
- Scottsdale Marsh, Marin County, 33 acres (constructed non-tidal marsh), U.S. Fish & Wildlife & City of Novato
- Shell Marsh, Contra Costa County, 200 acres (wetlands restoration), Contra Costa Mosquito & Vector Control District
- Sonoma Creek, Sonoma County, <1 acre (creek/riparian restoration),

- Sonoma Ecology Center
- Tehan Creek, Alameda County, 50 acres (creek/riparian restoration), Friends of the Estuary
- Temescal Creek, Alameda County, 1 acre (creek/riparian enhancement), Friends of Temescal Creek
- Wildcat Creek (lower reach), Contra Costa County, 1.5 acres (creek/riparian restoration), Waterways Restoration Institute
- Wildcat Creek, Contra Costa County, 1/4 mile (creek/riparian enhancement), Friends of the Estuary & East Bay Regional Parks District

South Bay

- Arastradero Creek, Santa Clara County, 3,500 square feet (riparian restoration, bullfrog eradication), Bay Area Action
- Bair Island, San Mateo County, 155 acres (tidal marsh), Peninsula Open Space Trust & U.S. Fish & Wildlife
- Sinkhole, Alameda County, 36.5 acres (tidal wetlands enhancement), Ducks Unlimited & U.S. Fish & Wildlife
- Triangle Marsh, Alameda County, 10 acres (tidal wetlands restoration), Ducks Unlimited & U.S. Fish & Wildlife

Delta/Suisun

- Marsh Creek/Cowell Ranch, Contra Costa County, <1 acre (creek/riparian restoration), City of Brentwood
- Suisun Marsh, Solano County, 10,000 acres (managed wetlands enhancement), Ducks Unlimited & Suisun RCD

Planned or In-Progress Restoration and Enhancement Projects

27,470 - 27,670 acres and 36,020 linear feet

North Bay

- Burn Unit, Napa County, 70 acres (seasonal wetlands enhancement), Ducks Unlimited, Cal Fish & Game, California Coastal Conservancy & Wildlife Conservation Board
- Camp 2, Sonoma County, 608 acres (seasonal wetlands enhancement), Ducks Unlimited, Cal Fish & Game, California Coastal Conservancy & Wildlife Conservation Board
- Carriger Creek, Sonoma County, 800 feet (riparian restoration), Southern Sonoma County RCD
- Champlin Creek, Sonoma County, 5,900 feet (riparian restoration), Southern Sonoma County RCD
- Hamilton Wetlands Restoration, Marin County, 900 acres, Bay Commission & California Coastal Conservancy
- Huichica Creek (Napa Marsh Wildlife Area), Napa & Sonoma Counties, 30 acres (native grassland restoration), Ducks Unlimited, Cal Fish & Game &

Wildlife Conservation Board

- Mare Island Navy Mitigation Marsh, Solano County, 63 acres, U.S. Navy
- Nathenson Creek, Sonoma County, 200 feet (riparian restoration), Southern Sonoma County RCD
- Napa Salt Ponds, Napa County, 720 acres (restoration to non-tidal marsh), Cal Fish & Game, California Coastal Conservancy & Army Corps
- North Parcel/Leonard Ranch, Sonoma County, 472 acres (seasonal wetlands restoration), Sonoma Land Trust
- Novato Creek Antenna Field, Marin County, 134 acres, Marin Audubon Society, Army Corps
- Oakland Middle Harbor Enhancement Area, Alameda County, 5 acres (intertidal wetlands), Port of Oakland & Army Corps
- Pond 8, Napa County, 102 acres (tidal wetlands enhancement), Ducks Unlimited & Cal Fish & Game
- Ringstrom Bay, Napa County, 313 acres (seasonal wetlands enhancement) Ducks Unlimited, Cal Fish & Game & Wildlife Conservation Board
- Simmons Slough Wildlife Corridor, Marin County, 140 acres (diked baylands habitat enhancement), Marin Audubon Society
- Skaggs Island-Haire, Sonoma County, 1,064 acres (planned for mitigation bank), Caltrans & Wildlands
- Tubbs Island Levee Setback, Sonoma County, 72 acres (tidal wetlands restoration), Ducks Unlimited & U.S. Fish & Wildlife
- Wingo Unit Enhancement, Sonoma County, 187 acres (non-tidal enhancement), Cal Fish & Game, NAWCA & Ducks Unlimited

South Bay

- Eden Landing, Santa Clara County, 945 acres (wetlands -- 600 acres restoration, 345 enhancement), Cal Fish & Game

Delta/Suisun

- Canal Ranch, San Joaquin County, 3,000 acres (planned for restoration & wildlife-friendly farming), Cal Fish & Game
- East Delta Habitat Corridor (Georgiana Slough), 8,000 linear feet of bank protection (4,000 linear feet complete; 4,000 linear feet in progress), Habitat Assessment & Restoration Team
- Franks Tract Restoration, Contra Costa County, 45 acres, CA Dept. of Parks & Recreation, Dept. of Water Resources & Moffat & Nichol Engineers
- Jepson Prairie, Solano County, 1 mile (riparian restoration) & 600 acres (grassland restoration), Solano County Farmlands Open Space Foundation
- Joice Island Wildlife Area (Suisun Marsh), Solano County, 1,800 acres (semi-permanent & seasonal wetlands enhancement), Wildlife Conservation Board & Cal Fish & Game

Mitigation-Related Restoration Projects Completed or Planned and Funded**

Net gain in Bay region: 204 wetland acres

North Bay

- Bailey Ranch, Alameda County, 0.81 acres (wetlands), Keenan Land Co.
- Bayside Business Park Phase II, Alameda County, 30 acres, King & Lyons
- Crystal Ranch Drive, Contra Costa County, 2.06 acres (seasonal wetlands), Braddock & Logan Group
- Double Eagle Tract 8162, Contra Costa County, 0.25 acre (mixed wetland/riparian habitat), Paramount Homes LLC
- Elm Crest Subdivision, Marin County, 0.16 acre (seasonal wetlands & adjacent uplands), Noyer Group
- Galvin Property Wetland Fill, Napa County, 3.84 acres (seasonal wetlands), Dickerson, Peatman & Fogerty
- Garin Heights Estates Tract 4609, Alameda County, 0.1 acre (wetlands), Gibson & Skordal
- Ghisletta Project, Napa County, 0.35 acre (wetlands), Simeon Residential Properties
- Hercules Village Project, Contra Costa County, 0.06 acre (creation/enhancement of onsite pond) & 4,000 linear feet (enhancement of Central Channel on site), Bixby Company LLC
- Highlands Ranch Project, Contra Costa County, 0.02 acre (purchase at Oak Hills Blast Zone Mitigation Area) & 170 linear feet (enhancement of stream at Clayton Ranch), West Coast Home Builders
- Hogg Residence, Marin County, 0.16 acre (flooded tidal wetland on Corte Madera Ecological Reserve), Huffman & Associates
- Holly Creek Estates, Contra Costa County, 0.91 acre, DeNova Homes
- Jenmar Gas Station, Alameda County, 0.29 acre (seasonal wetlands creation) & .12 acre (seasonal wetlands enhancement), Jenmar Land Corp.
- Laird Drive Subdivision, Contra Costa County, 0.36 acre (seasonal wetlands), Batavia Land Co.
- Lincoln Stevenson Development, Alameda County, 1.4 acre (onsite emergent freshwater wetlands), H.T. Harvey & Associates
- The Lodge at Sonoma, Sonoma County, 2.31 acres (seasonal wetlands), Sonoma Resort LLC
- Main Street Roadway & Greenway Improvement, Alameda County, 0.25 acre (wetlands), City of Alameda Public Works Department
- Mallard Slough Pump Station Project, Contra Costa County, 0.53 acre (brackish marsh), EDAW
- Marin Business Center Project, Marin County, 0.04 acre (seasonal wetlands), Wood Hollow LLC
- Mission Bay Channel Improvement Project, San Francisco County, 0.18 acre (vegetated wetlands), Catellus Development Corp.
- Napa-Sonoma Marshes Wildlife Area, Huichica Creek Unit, Napa County, 5.5 acres, Cal Fish & Game
- Oak Hills 5 South Project, Contra Costa County, 0.1 acre (onsite riparian

- enhancement) & 38 acres (purchase of land owned by East Bay Regional Parks District for enhancement), West Coast Home Builders
- Oak Knoll Estates, Contra Costa County, 2.92 acres (seasonal wetlands), Sycamore Associates LLC
- Oakland International Airport Development Program, Alameda County, 11.81 (seasonal wetlands), Oakland Airport, Port of Oakland & City of Oakland
- Park Ridge, Alameda County, 0.6 acre (offsite seasonal wetlands at Plummer Creek Mitigation Bank), Sycamore Associates LLC
- Parkview Subdivision, Contra Costa County, 6.47 acres (0.47 acre of onsite native riparian enhancement & purchase of 6 acres of offsite mitigation at Silva Ranch), Focus Realty Services
- Runway 11-29 Rehabilitation, Alameda County, 0.5 acre (seasonal wetlands creation) & 7 acres (seasonal wetlands enhancement/preservation at Damon Slough), Port of Oakland
- Ryland Homes Storm Drain Project, Contra Costa County, 0.5 acre (conservation easement), Sycamore Associates LLC
- San Ramon Boulevard Improvement Project, Contra Costa County, 0.18 acre (riparian), City of San Ramon
- Sonoma Valley Oaks Subdivision, Sonoma County, 0.2 acre (purchase of mitigation credits for wetlands at Burdell Ranch Wetland Conservation Bank), Stephen Kyle
- St. Isidore Church, Contra Costa County, 0.5 acre (conservation easement), St. Isidore Church
- State Route 101 Approach Lane Project, Marin County, 0.13 acre (seasonal wetlands), CalTrans
- State Route 4 Gap Project, Contra Costa County, 4 acres (seasonal wetlands), 0.6 hectare (red-legged frog breeding pools) & 1 hectare (riparian), CalTrans
- Sunset Meadows Subdivision, Napa County, 0.72 acre (seasonal marsh wetlands), City of American Canyon
- Thiessen Office Building Project, Contra Costa County, 0.5 acre (conservation easement), Sycamore Associates LLC
- Walkaway Bridge Replacement, Contra Costa County, 0.77 acre (wetlands), Kenneth Chainey

South Bay

- Alviso Property/Cisco Systems, Santa Clara County, 0.77 acre (wetlands), Cisco Systems
- Boulder Ridge Golf Club, Santa Clara County, 0.34 acre (emergent wetlands), GlenRock Development
- Cooley Landing, San Mateo County, 10 acres (wetlands creation) & 115 acres (wetlands enhancement), Phone-Poulenc
- Fairmont Estates, San Mateo County, 0.65 acre (seasonal freshwater wetlands), Wetlands Research Associates
- Mariner Island, San Mateo County, 0.6 acre (wetlands creation at adjacent State Lands parcel), Pacific Bay Homes LLC
- Montague Expressway Widening Project, Santa Clara County, 0.94 acre

- (erosion control along 200 linear feet of channel bank immediately upstream of project site), Focus Realty Services
- Outer Bair Island, San Mateo County, 37.5 acres (tidal seasonal wetlands creation) & 140 acres (enhancement of existing diked salt marsh wetlands), California Wildlife Foundation
 - Oyster Point Hook Ramps, San Mateo County, 1.1 acres (wetlands creation) & 0.72 acre (wetlands enhancement), City of South San Francisco Dept. of Public Works
 - Pacific Ridge Development at Half Moon Bay, San Mateo County, 2.61 acres, Ailanto Properties
 - Pacific Shores Project, San Mateo County, 22 acres (tidal marsh), Pacific Shores Center
 - Piedmont 237 LLC Development Project, Santa Clara County, 0.5 acre (riparian), Piedmont 237 LLC
 - Preston Office & Warehouse, Santa Clara County, 0.48 acre (wetlands & grassy swales), Michael Preston
 - Ranch on Silver Creek, Santa Clara County, 0.75 acre (wetlands), Presley Homes
 - Route 87 Freeway Project, Santa Clara County, 10.53 acres (wetland & riparian habitat along the Guadalupe River), David J. Powers & Associates
 - San Pedro Creek Flood Control Project, San Mateo County, 3.1 acres, City of Pacifica
 - Santa Clara County Field Sports Park, Santa Clara County, 0.35 acre (wetlands), Sycamore Associates LLC

Delta/Suisun

- Fieldcrest Residential Development Project, Solano County, 2.32 acres (seasonal wetlands), A.D. Seeno Construction Co.
- Grizzly Island Bridge Replacement, Solano County, 0.3 acre (wetlands), Solano County Transportation Dept.
- Guadalcanal Village Mitigation Site, Solano County, 1.4 acres (wetlands), CalTrans
- Horseshoe Lake Estates, Solano County, 1.5 acre (seasonal wetlands), William Lyon Homes
- Sears Point/SR 37 & California Meadows Sanitary Sewer Rerouting Project, Solano County, 1.4 acres (tidal wetlands creation in Guadalcanal Village Mitigation Site), Vallejo Sanitation & Flood Control District
- Solano County Health Facility, Solano County, 2.6 acres (seasonal wetlands), Solano County
- Travis Air Force Base Military Housing, Solano County, 2 acres (vernal pools & swales; Air Force also to contribute \$70,000 to mitigation bank), U.S. Air Force
- Union Pacific Railroad, Port of Benicia Storage Tracks Project, Solano County, 0.1 acre (emergent wetland), Union Pacific Railroad Co.

Permits Issued as Waste Discharge Requirements/401 Certifications by S.F. Regional Board

- Dixon Landing Road Interchange, 31 acres (seasonal wetlands, vernal pools)
- Middle Harbor, Alameda County, 180 acres (subtidal and intertidal, eelgrass, tidal marsh), Army Corps. and Port of Oakland
- Montezuma, Solano County, 1,800 acres (tidal, seasonal, fluvial systems), Levine-Fricke & Montezuma LLC
- Napa Flood Control Project, Napa County, 217 acres (wetlands creation), 389 acres (wetlands enhancement) & 72 acres (contiguous uplands), Army Corps. & Napa County Flood Control & Water District
- Pacific Commons, Alameda County, 77 acres (onsite wetlands creation), 60 acres (onsite wetlands enhancement), total acres preserved = 444 on/near site & 840 offsite, Catellus Corp. & City of Fremont

Bay Region 401 Certifications or Waivers Since 1999

Acres Impacted: 122 wetland acres filled

Acres Gained: 204 wetland acres gained

Linear Feet Impacted: 12,884 feet

Selected Bay Region Waste Discharge Requirements Projects Since 1999

Acres Impacted: 921 wetland acres filled

Acres Gained: 2,305 wetland acres (and associated habitat types)

Acreage amounts supplied by S.F. Regional Board and may change pending further review.

Wetland Conservation Easements

4,992 acres

South Bay

- Purisima Creek (Purisima Farms), San Mateo County, 3 acres, California Coastal Conservancy

Delta/Suisun

- Allen Property Easement, Sacramento County, 323 acres (farmland & riparian forest), Cosumnes River Preserve
- Ben Brown Property Easement, Sacramento County, 370 acres (vernal pool grasslands), Cosumnes River Preserve
- George Dairy Easement, Sacramento County, 607 acres (farmland, with 100 acres planned for creekside restoration), Cosumnes River Preserve
- Fred Denier Property, Sacramento County, 475 acres (half farmed; half

planned for restoration to active floodplain & riparian habitat), Cosumnes River Preserve

- Frank Machado Property Easement, Sacramento County, 438 acres (farmland buffer to core preserve), Cosumnes River Preserve
- Mehrton Property Easement, Sacramento County, 747 acres (vernal pool grasslands), Cosumnes River Preserve
- Pellandini Property Easement, Sacramento County, 647 acres (farmland), Cosumnes River Preserve
- Ragsdale Property Easement, Sacramento County, 48 acres (farmland), Cosumnes River Preserve
- Schneider Property Easement, Sacramento County, 1,137 acres (vernal pool grasslands), Cosumnes River Preserve
- Van Steyn Property Easement, Sacramento County, 197 acres (farmland), Cosumnes River Preserve

Sources

Bay Commission

CALFED

Central Valley Joint Venture

Ducks Unlimited

The Nature Conservancy, Cosumnes River Preserve

S.F. Joint Venture

S.F. Regional Board

S.F. Estuary Project

Wetlands and Water Resources. 2001. North Bay Wetland Projects Map.

Prepared for CalFed Science Program. October 8 Draft.

Wildlife Conservation Board

*Nine Bay counties and three Delta counties: Sacramento, San Joaquin and Yolo

**Acreage amounts for mitigation-related projects supplied by S.F. Regional Board and may change pending further review.

If you have additions, changes or corrections to this list, please email them to Kathryn Ankrum: kathank@earthlink.net